p1029: Box multiplication of linear binomials (v20)
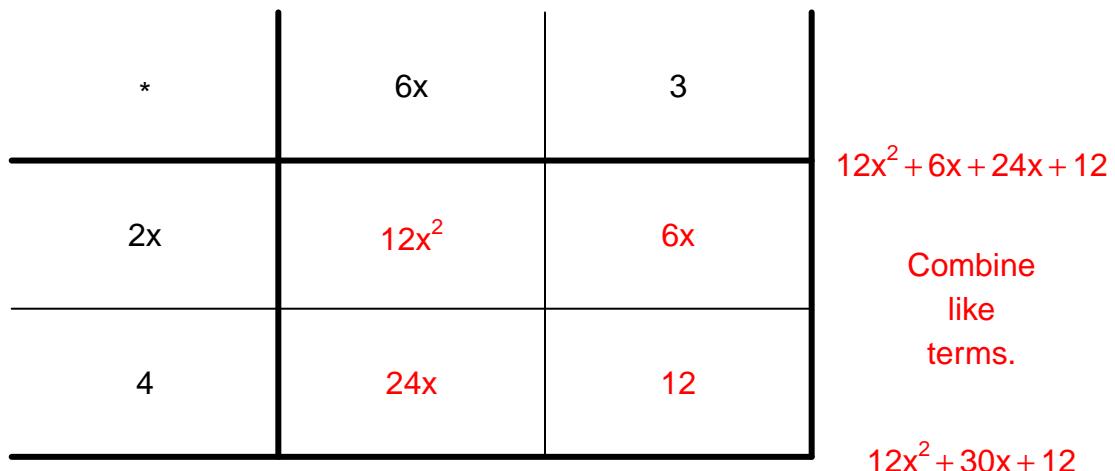
Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	6x	3
2x	$12x^2$	6x
4	24x	12

$12x^2 + 6x + 24x + 12$

Combine
like
terms.

$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1
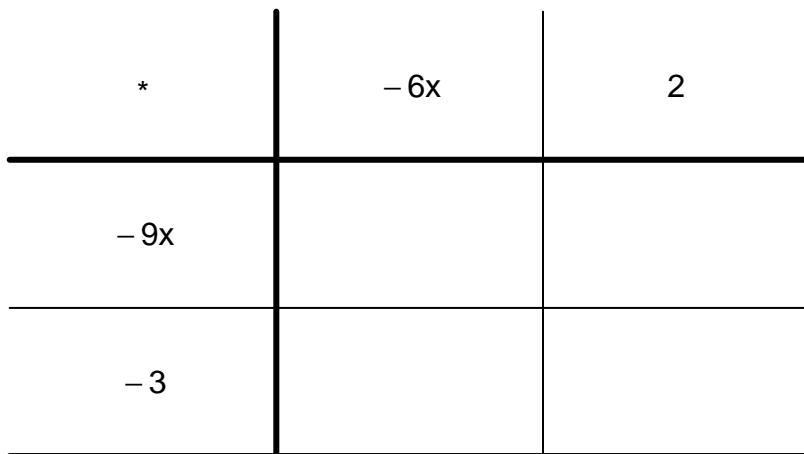
Use the box method to multiply $(7x + 8)$ and $(4x + 3)$.

*	7x	8
4x		
3		

ANSWER:

Question 2
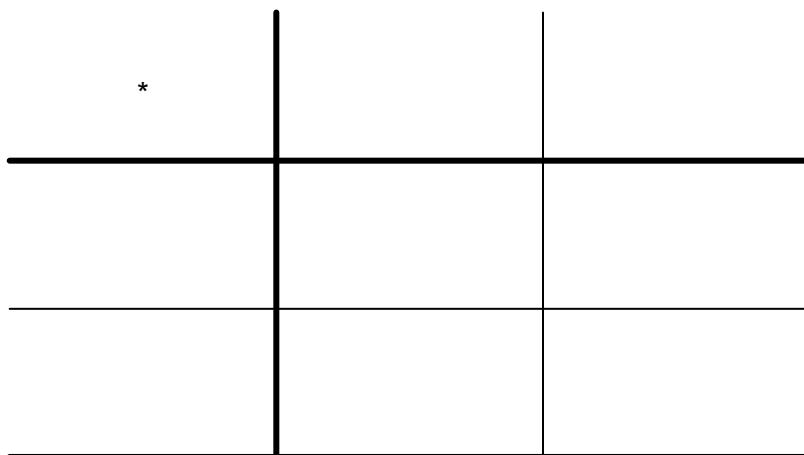
Use the box method to multiply $(-6x + 2)$ and $(-9x - 3)$.

*	− 6x	2
− 9x		
− 3		

ANSWER:

Question 3

Use the box method to multiply $(2x - 9)$ and $(-7x - 5)$.

*		

ANSWER: